

FIGURE 1

Clone LR4: hLH/CG Receptor Fusion with Thioredoxin Gene in pET32 Vector

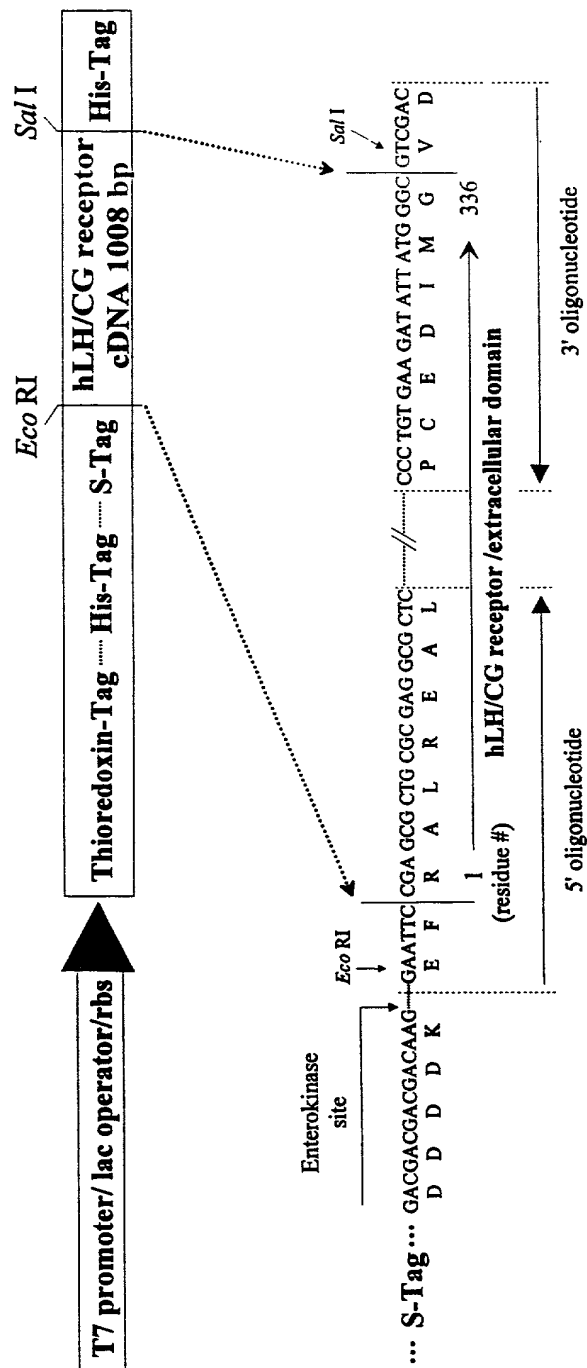
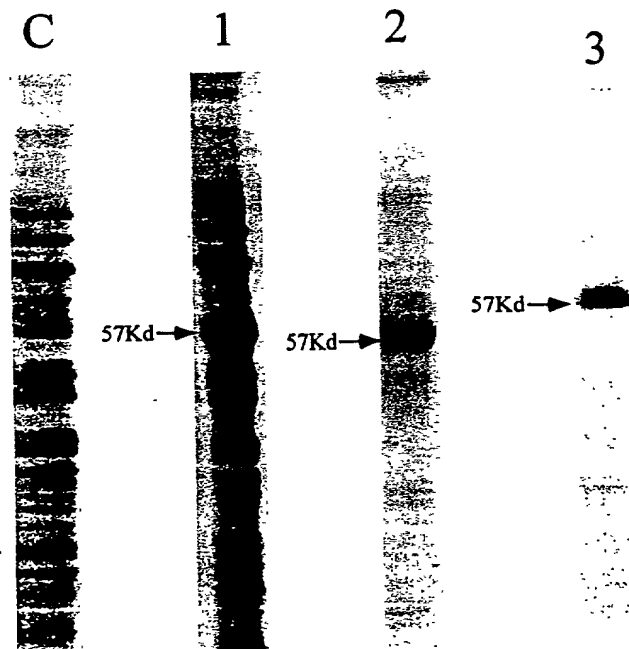


FIGURE 2

Non-reducing protein gels

Panel A



Western blots

Panel B

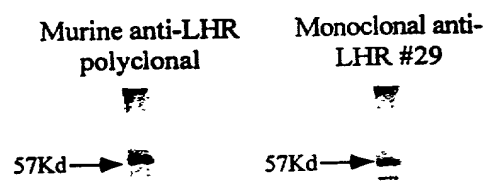


FIGURE 3

Affinity of hLH/CG receptor fusion protein

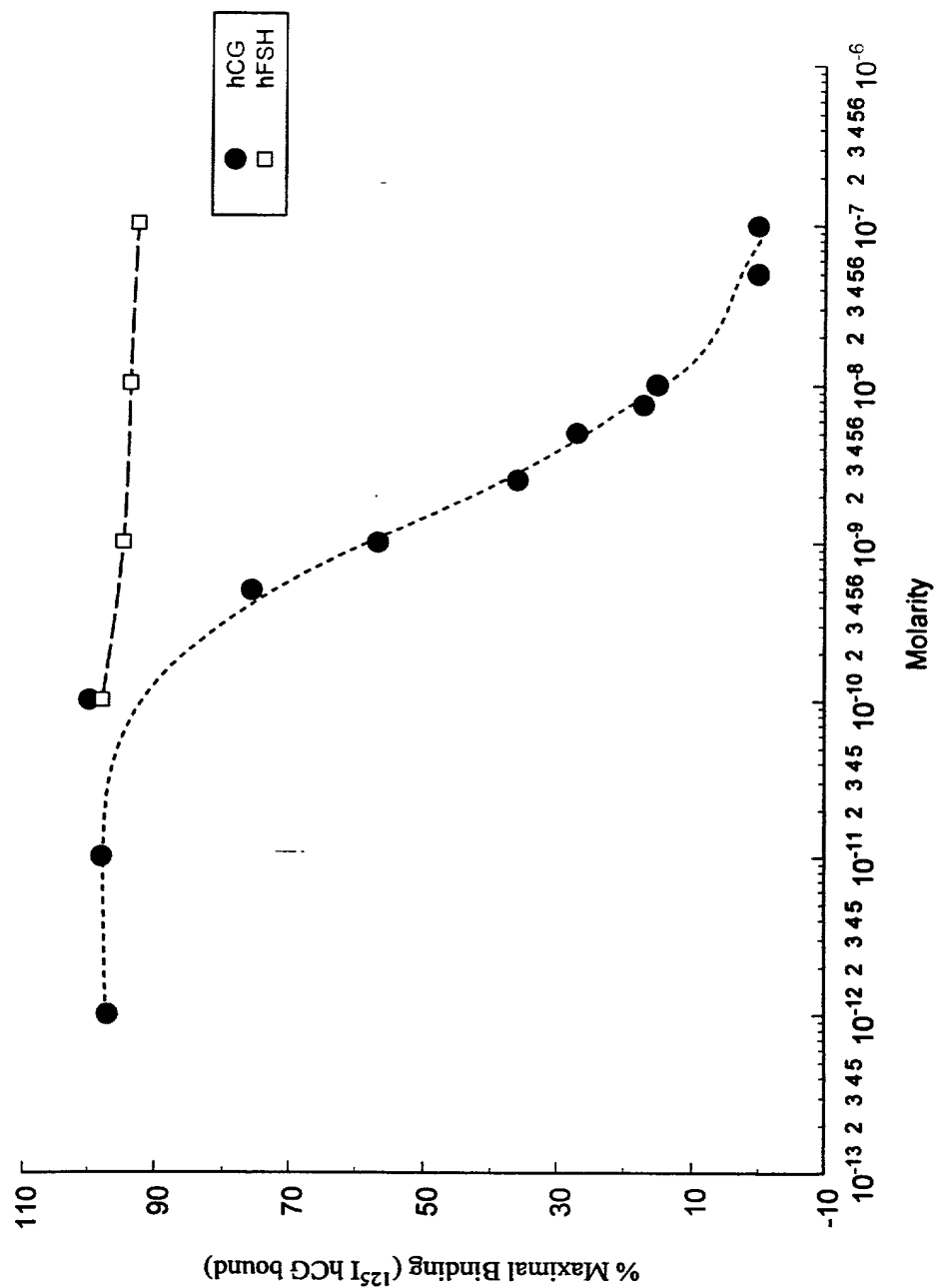


FIGURE 4

Effect of anti-hCG monoclonal antibodies
on hCG binding to receptor fusion protein

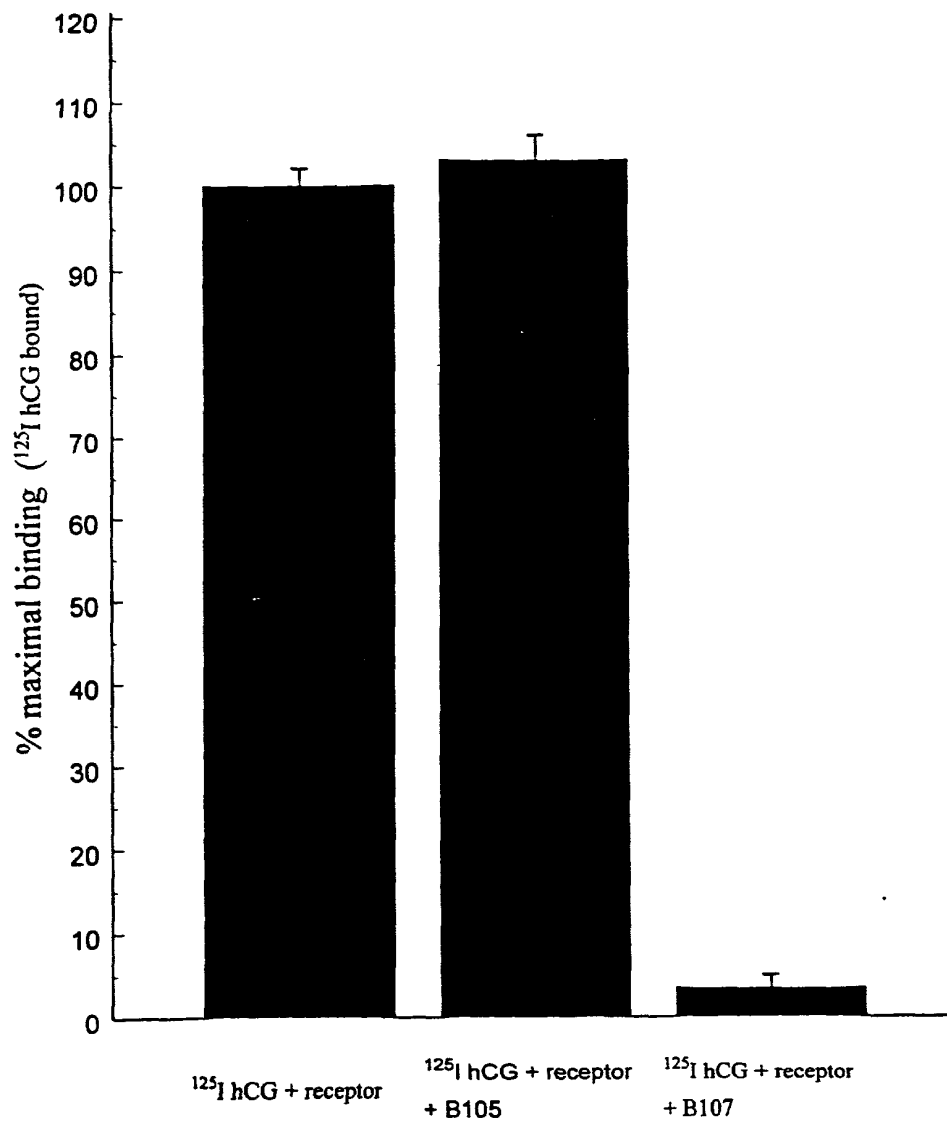


FIGURE 5

hFSH Receptor Fusion with Thioredoxin Gene in pET32 Vector

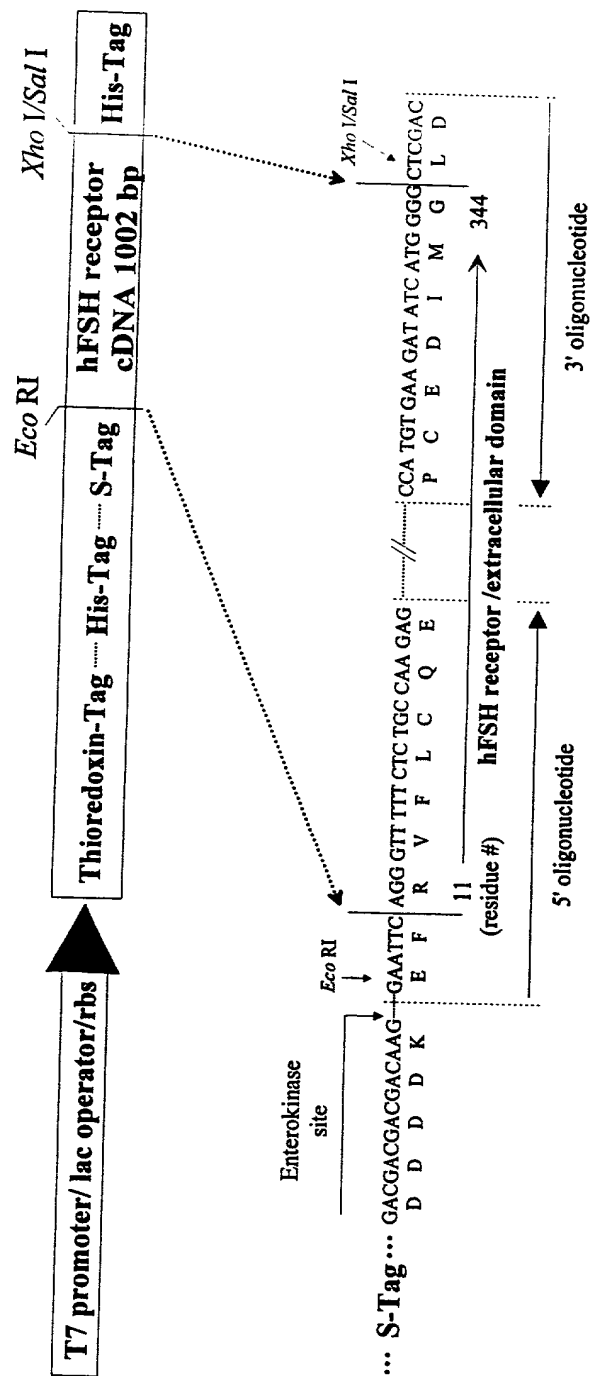


Figure 6A

1 atgagcgataaaaattattcacctgactgac
 31 gacagttttgacacggatgtactcaaagcg
 61 gacggggcgatcctcgtcgatttctgggca
 91 gagtgggtgcggtccgtgcaaaatgatcgcc
 121 ccgattctggatgaaatcgctgacgaatat
 151 cagggcaaaactgaccgttgcaaaactgaac
 181 atcgatcaaaaaccctggcactgcgccgaaa
 211 tatggcatccgtgggtatcccgaactctgctg
 241 ctgttcaaaaacgggtgaagtggcggaacc
 271 aaagtgggtgcactgtctaaaggctcagttg
 301 aaagagttcctcgacgctaacctggccggt
 331 tctggttctggccatatgcaccatcatcat
 361 catcattcttctggtctggtgccacgcggt
 391 tctgggtatgaaagaaaccgctgctgctaaa
 421 ttcgaacgccagcacatggacagcccagat
 451 ctgggtaccgacgacgacgacaaggccatg
 481 gctgatatcggtatccgaattcaggggtttt
 511 ctctgccaaagagagcaagggtgacagagatt
 541 ctttctgacctcccagggaatgccattgaa
 571 ctgaggtttgtcttcaccaagcttcgagtc
 601 atccaaaaagggtgcattttcaggatttggg
 631 gacctggagaaaatagagatctctcagaat
 661 gatgtcttggaggtgatagaggcagatgtg
 691 ttctccaaccttcccaaattacatgaaatt
 721 agaattgaaaaggccaacaacctgctctac
 751 atcacccctgaggccttccagaaccttccc
 781 aaccttcaatatctgttaatatccaacaca
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 841 attcattctctccaaaagggttttacttgac
 871 attcaagataacataaaacatccacacaatt
 901 gaaagaaattctttcgtggggctgagcttt
 931 gaaagtgtgattctatggctgaataagaat
 961 gggattcaagaaatacacaactgtgcattc
 991 aatggaaccaactagatgcagtgaatcta
 1021 agcgataataataatttagaagaattgcct
 1051 aatgatgttttccacggagcctctggacca
 1081 gtcattctagatatttcaagaacaaggatc
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 1171 aacttaaaaaagctgcctactctggaaaag
 1201 cttgtcgccctcatggaagccagcctcacc
 1231 tatcccagccattgctgtgcctttgcaaac
 1261 tggagacggcaaatctctgagcttcatcca
 1291 atttgcaacaaatctattttaaggcaagaa
 1321 gttgattatatgactcaggctagggggtcag
 1351 agatcctctctggcagaagacaatgagtc
 1381 agctacagcagaggatttgacatgacgtac
 1411 actgagtttgactatgacttatgcaatgaa
 1441 gtggttgacgtgacctgctcccctaagcca
 1471 gatgcattcaacccatgtgaagatatcatg
 1501 ggggtcgacaagcttgccggccgactcgag
 1531 caccaccaccaccaccactga

Figure 6B

1 MSDKIIHLTDDSFDTDV LKADGAILVDFWA
31 EWCGPCKMIAPILDEIADEYQGKLTVAKLN
61 IDQNPGTAPKYGIRGIPTLLL FKNGEVAAT
91 KVGALSKGQLKEFLDANLAGSGSGHMH HHH
121 HHSSGLVPRGSGMKETA AAKFERQHMDSPD
151 LGTDDDDKAMADIGSEFRVFLCQESKVTEI
181 PSDLPRNAIELRFVLTKLRVIQKGAFSGFG
211 DLEKIEISQNDVLEVIEADVFSNLPKLHEI
241 RIEKANLLYITPEAFQNL PNLQYLLISNT
271 GIKHLPDVHKIHS LQKVLLDIQDNINIHTI
301 ERNSFVGLSFESVILWLNKNGIQEIHNCAF
331 NGTQLDAVNLS DNNNLEELPNDVFHGASGP
361 VILDISRTRIHS LPSYGLENLKKLRARSTY
391 NLKKLP TLEKLVALMEASLTYP SHCCAFAN
421 WRRQISELHPICNKSILRQEVDYMTQARGQ
451 RSSLAEDNESSYSRGFDMTYTEFDYDLCNE
481 VVDVTCSPKPD AFNPNCEDIMGVDKLAAALE
511 HHHHHH*

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1 MSDKIIHLTDDSFDTDLVKADGAILVDFWA
31 EWCGPCKMIAPILDEIADEYQGKLTVAKLN
61 IDQNPGTAPKYGIRGIPTLLLLFKNGEVAAT
91 KVGALSKGQLKEFLDANLAGSGSGHMH
121 HHSSGLVPRGSGMKETAAAKFERQHMDSPD
151 LGTDDDDKAMADIGSEFRALREALCPEPCN
181 CVPDGDALRCPGPTAGLTRLSLAYLPVKVIP
211 SQAFRGLNEVIKIEISQIDSLERIEANAFD
241 NLLNLSEILIQNTKNLRYIEPGAFINLPR
271 KYLSICNTGIRKFPDVTKVFSSESFILEI
301 CDN LHITTIPGNAFQGMNNE SVTLKLYGNG
331 FEEVQSHAFNGTTLTSL ELKENVHLEKMHN
361 GAFRGATGPKTLDISSTKLQALPSYGLESI
391 QRLIATSSYSLKKLQPSRET FVNLL EATLT
421 PSHCCAFRNLP TKEQNFHSISENSFSKQCE
451 STVRKVNNKLTLYSSMLAE SISENGWDY EYGF
481 CLPKTPRCAPEPDAFNPCEDIMGVDKLAAA
511 LEHHHHHHH*